Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 (original). A method for guiding a user to select a dose of insulin, comprising the steps of: a. calculating a first specific dose of insulin by applying information provided by the user to an insulin dose calculation algorithm, wherein such information includes at least the user's current blood glucose level and the user's desired blood glucose level; b. calculating at least a second specific dose of insulin that is different from the first specific dose; c. presenting to the user a range of doses comprising at least two of the specific doses.

2 (original). The method of claim 1, further comprising the step of calculating at least a third specific dose of insulin that is different from the second dose of insulin and wherein the range of doses comprises the second and third specific doses.

3 (original). The method of claim 2, wherein the step of calculating the second specific dose comprises the step of subtracting a first correction factor from the first specific dose;

4 (original). The method of claim 3, wherein the step of calculating the third specific dose comprises the step of adding a second correction factor to the specific dose;

5 (original). The method of claim 4, wherein the first and second correction factors are identical.

6 (original). The method of claim 4, wherein the first and second correction factors are different.

7 (currently amended). The method of claim 4, wherein at least one of the first and second correction factors is a predetermined percentage of the <ins>corresponding first and second</ins> specific ~~dose~~ <ins>doses</ins>.

8 (original). The method of claim 7, wherein the user information includes a blood glucose value detected by a blood glucose monitor and the percentage is the error rate of the blood glucose

monitor.

9 (currently amended). The method of claim 6, wherein the user information further includes at least one of, the age of the most recent blood glucose test, the type of blood glucose sensor used to detect blood glucose, an amount of carbohydrates the user expects to ingest in the immediate future, the duration and intensity of exercise in which the user intends to engage in the immediate ~~future~~ future, and at least one of the first and second correction factors is a variable dependent upon at least one aspect of the user information.

10 (original). The method of claim 1, wherein the user's desired blood glucose level is defined as a range of blood glucose levels from a lower blood glucose boundary to an upper blood glucose boundary; the step of calculating the first specific dose of insulin comprises the step of using the lower blood glucose boundary as the desired blood glucose level; the step of calculating the second specific dose of insulin comprises the step of using the upper blood glucose boundary as the desired blood glucose level.

11 (original). The method of claim 7, wherein the user information includes a blood glucose value detected by a blood glucose monitor and the percentage is the error rate of the blood glucose monitor plus the user's ingested carbohydrate estimation error rate.